

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q79559

Etsuko KADOWAKI, et al.

Appln. No.: To be assigned

Group Art Unit: To be assigned

Confirmation No.: To be assigned

Examiner: To be assigned

Filed: February 25, 2004

For: CATALYST FOR USE IN PRODUCING LOWER ALIPHATIC CARBOXYLIC ACID
ESTER, PROCESS FOR PRODUCING THE CATALYST AND PROCESS FOR
PRODUCING LOWER ALIPHATIC CARBOXYLIC ACID ESTER USING THE
CATALYST

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent applications No. 09/889,354 and 10/070,259. Each of the cited documents was cited in the parent applications. Applicant is not submitting duplicate copies of these references but requests that they be considered and listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

INFORMATION DISCLOSURE STATEMENT

U.S. Application: To be assigned

Attorney Docket No.: Q79559

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 25, 2004

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	To be assigned
				Confirmation Number	To be assigned
				Filing Date	February 25, 2004
				First Named Inventor	Etsuko KADOWAKI
				Art Unit	To be assigned
Examiner Name	To be assigned				
Sheet	1	of	1	Attorney Docket Number	Q79559

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,380,932		01/1995	Bielmeier et al.
		US 2,018,065		10/1935	Ipatieff
		US 2,083,693		06/1937	Dreyus
		US 4,128,727		12/1978	Leupold
		US 4,205,182		05/1980	Izumi
		US 4,330,434		05/1982	Hughes
		US 4,465,852		08/1984	Sato
		US 5,241,106		08/1993	Inoue
		US 5,086,031		02/1992	Deller
		US 5,347,046		09/1994	White
		US 5,861,530		01/1999	Atkins
		US 5,973,193		10/1999	Crane
		US 6,187,949		02/2001	Frederick
		US 2001-0029307		10/2001	Frederick
		US 2003/0032837		02/13/2003	Kadowaki et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	05/170698		09/1993	Suzuki et al.	
		WO	00/74842		12/14/2000	Showa Denko K.K.	
		EP	0 936 210		08/18/1999	BP Chemicals Limited	
		EP	0 959 064		11/24/1999	BP Chemicals Limited	
		EP	0 757 027		02/05/1997	BP Chemicals Limited	
		WO	00/03966		01/272000	BP Chemicals Limited	
		EP	0 562 139		09/29/1993	Showa Denko Kabushiki Kaisha	
		WO	02/00589		01/03/2002	Showa Denko K.K.	
		EP	0 538 826		04/28/1993	Mitsui Toatsu Chemicals, Inc.	
		WO	02/26691		04/04/2002	Showa Denko K.K.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Kirk-Othmer Encyclopedia of Chemical Technology "Catalysts, Supported: 2. Definition of Supported Catalysts" John Wiley & Sons, Inc. (1993).	
		Kirk-Othmer Encyclopedia of Chemical Technology "Catalysts, Supported: 3. Advantages of Supported Catalysts" John Wiley & Sons, Inc. (1993).	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.